WEST Search History

Hide Items Restore Clear Cancel

DATE: Tuesday, August 17, 2004

Hide?	Set Name	Query	<u>Hit</u> Count	
DB=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR=YES; OP=ADJ				
	L22	117 and (water or (ethylene adj glycol))	19	
	L21	L20 and (switch\$4)	7	
	L20	L19 and (shield\$4)	8	
	L19	L18 not 113	13	
	L18	L17 and (flat\$4 or planar or pancake or open or thermal\$2 or heat\$4 or temperature)	26	
	L17	L11 and ((magnetic adj resonance) or MRI or NMR)	30	
	L16	L15 and ((magnetic adj resonance) or MRI or NMR)	1	
	L15	L14 and (switch\$4)	6	
	L14	L13 and (shield\$4)	17	
	L13	L12 and (flat\$4 or planar or pancake or open or thermal\$2 or heat\$4 or temperature)	26	
	L12	L10 and (transvers\$4 with (gradient or coil))	29	
	L11	L9 and (transvers\$4 with (gradient or coil))	58	
	L10	L9 and (helix or helical\$2 or spiral\$2)	44	
	L9	L8 and ((hollow or tube or cylindrical or cylinder or tubular) with (strip or tape or ribbon or conduct\$4 or electric\$4 or section))	110	
	L8	L7 and ((flow\$4 or moving or move or movement or motion or movable or moved or pass or passing or passed) with (fluid\$3 or water or coolant or liquid))	195	
	L7	L6 and (flow\$4 or moving or move or movement or motion or movable or moved or pass or passing or passed)	416	
	L6	L5 and (wound or winding or coiled or looped)	434	
	L5	L4 and (strip or tape or ribbon or conduct\$4 or electric\$4)	869	
	L4	L3 and (fluid\$3 or water or coolant or liquid)	949	
	L3	L2 and (transvers\$4)	1519	
	L2	L1 and (hollow or tube or cylindrical or cylinder or tubular)	4535	
	L1	(gradient with coil)	9741	

END OF SEARCH HISTORY

Hit List

Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 5304933 A

Using default format because multiple data bases are involved.

L16: Entry 1 of 1

File: USPT

Apr 19, 1994

US-PAT-NO: 5304933

DOCUMENT-IDENTIFIER: US 5304933 A

TITLE: Surgical local gradient coil

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Vavrek; Robert M.

Waukesha

WI

Myers; Christopher C.

Milwaukee WI

US-CL-CURRENT: 324/318; 324/300

Title Citation Front Review Classification Date Reference	Claims Ki
Generate Collection Print Fwd Refs Bkwd Refs	Generate
Term	Documents
MAGNETIC	1417947
MAGNETICS	12222
RESONANCE	277454
RESONANCES	16103
MRI	23803
MRIS	325
NMR	135536
NMRS	228
(15 AND (MRI OR (MAGNETIC ADJ RESONANCE) OR NMR)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1
(L15 AND ((MAGNETIC ADJ RESONANCE) OR MRI OR NMR)).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	1

Record List Display Page 1 of 11

Hit List

Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 26 of 26 returned.

1. Document ID: US 20040140800 A1

Using default format because multiple data bases are involved.

L18: Entry 1 of 26

File: PGPB

Jul 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040140800

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040140800 A1

TITLE: Nuclear magnetic resonance apparatus and methods for analyzing fluids

extracted from earth formation

PUBLICATION-DATE: July 22, 2004

INVENTOR-INFORMATION:

Freedman, Robert

CITY COUNTRY STATE RULE-47 NAME Madio, David P. Danbury CTUS Ridgefield Kleinberg, Robert L. CTUS Gaylor, Richard W. Brookfield US CT

Houston

US-CL-CURRENT: 324/303; 324/306

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw D.

TX

US

2. Document ID: US 20030098689 A1

L18: Entry 2 of 26 File: PGPB May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030098689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030098689 A1

TITLE: Stabilization of transverse magnetization in superconducting NMR resonators

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Marek, Daniel Moeriken CH

US-CL-CURRENT: 324/318; 324/320, 324/322

Record List Display Page 2 of 11

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

3. Document ID: US 20010015646 A1

L18: Entry 3 of 26

File: PGPB

Aug 23, 2001

PGPUB-DOCUMENT-NUMBER: 20010015646

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010015646 A1

TITLE: Cooled NMR probe head with uniform temperature control of the sample

PUBLICATION-DATE: August 23, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Marek, Daniel Moeriken CH

US-CL-CURRENT: 324/321; 324/318

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Do

4. Document ID: US 6496007 B1

L18: Entry 4 of 26

File: USPT

Dec 17, 2002

US-PAT-NO: 6496007

DOCUMENT-IDENTIFIER: US 6496007 B1

** See image for Certificate of Correction **

TITLE: MRI apparatus

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Damadian; Jevan East Northport NY
Linardos; John Smithtown NY
Danby; Gordon T. Wading River NY

Damadian; Raymond V. Woodbury NY

US-CL-CURRENT: 324/318; 600/415

Full Title Chation Front Review Classification Date Reference

5. Document ID: US 6489872 B1

L18: Entry 5 of 26 File: USPT Dec 3, 2002

Record List Display Page 3 of 11

US-PAT-NO: 6489872

DOCUMENT-IDENTIFIER: US 6489872 B1

TITLE: Unilateral magnet having a remote uniform field region for nuclear <u>magnetic</u>

resonance

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Fukushima; Eiichi

Albuquerque NM

Jackson; Jasper A. Albuquerque

US-CL-CURRENT: 335/299; 335/216

Full Title Chaton Front Review Classification Cate Reference Claims NWC Draw Co

MM

6. Document ID: US 6469508 B1

L18: Entry 6 of 26 File: USPT Oct 22, 2002

US-PAT-NO: 6469508

DOCUMENT-IDENTIFIER: US 6469508 B1

TITLE: MRI apparatus

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Damadian; Jevan East Northport NY
Linardos; John Smithtown NY
Danby; Gordon T. Wading River NY
Damadian; Raymond V. Woodbury NY

US-CL-CURRENT: 324/318; 324/322

Full Title Citation Front Feview Classification Date Reference Common Claims SUC Dispublic

7. Document ID: US 6452390 B1

L18: Entry 7 of 26 File: USPT Sep 17, 2002

US-PAT-NO: 6452390

DOCUMENT-IDENTIFIER: US 6452390 B1

TITLE: Magnetic resonance analyzing flow meter and flow measuring method

DATE-ISSUED: September 17, 2002

Record List Display Page 4 of 11

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wollin; Ernest Leesburg FL

US-CL-CURRENT: 324/306; 324/307

Full Title Citation Front Review Classification Date Reference Communication Draw Do

8. Document ID: US 6445186 B1

L18: Entry 8 of 26 File: USPT Sep 3, 2002

US-PAT-NO: 6445186

DOCUMENT-IDENTIFIER: US 6445186 B1

TITLE: MRI apparatus

DATE-ISSUED: September 3, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Damadian; Jevan East Northport NY
Linardos; John Smithtown NY
Danby; Gordon T. Wading River NY
Damadian; Raymond V. Woodbury NY

US-CL-CURRENT: 324/319; 324/320

Full Title Citation Front Review Classification Date Reference

9. Document ID: US 6437570 B2

L18: Entry 9 of 26 File: USPT Aug 20, 2002

US-PAT-NO: 6437570

DOCUMENT-IDENTIFIER: US 6437570 B2

TITLE: Cooled NMR probe head with uniform temperature control of the sample

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Marek; Daniel Moeriken CH

US-CL-CURRENT: 324/321; 324/300, 324/322

Full Title Ctation Font Feview Classication Date Reference

10. Document ID: US 6400980 B1

L18: Entry 10 of 26

File: USPT

Jun 4, 2002

US-PAT-NO: 6400980

DOCUMENT-IDENTIFIER: US 6400980 B1

TITLE: System and method for treating select tissue in a living being

DATE-ISSUED: June 4, 2002

INVENTOR-INFORMATION:

NAME CITY

STATE ZIP CODE

COUNTRY

Lemelson; Jerome

Incline Village

NV

89451

US-CL-CURRENT: 600/478; 600/104, 604/22

Full Title Citation Front Review Classication Date Reference Commence Claims 1995 Device

11. Document ID: US 6369571 B1

L18: Entry 11 of 26

File: USPT

Apr 9, 2002

US-PAT-NO: 6369571

DOCUMENT-IDENTIFIER: US 6369571 B1

TITLE: MRI apparatus

DATE-ISSUED: April 9, 2002

INVENTOR-INFORMATION:

NAME CITY

East Northport NY

STATE ZIP CODE

COUNTRY

Damadian; Jevan Linardos; John

Smithtown

NY

Danby; Gordon T.

Wading River

NY

Damadian; Raymond V.

Woodbury

NY

US-CL-CURRENT: 324/318; 324/319

Full Title | Citation | Front | Review Classification | Date | Reference

Claims | KWC | Draw Do

12. Document ID: US 6335623 B1

L18: Entry 12 of 26

File: USPT

Jan 1, 2002

US-PAT-NO: 6335623

DOCUMENT-IDENTIFIER: US 6335623 B1

** See image for <u>Certificate of Correction</u> **

TITLE: MRI apparatus

Record List Display Page 6 of 11

DATE-ISSUED: January 1, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Damadian; Jevan East Northport NY
Linardos; John Smithtown NY
Danby; Gordon T. Wading River NY
Damadian; Raymond V. Woodbury NY

US-CL-CURRENT: 324/320; 324/319

Full Title Citation Front Feview Classification Date Reference

13. Document ID: US 6275039 B1

L18: Entry 13 of 26 File: USPT Aug 14, 2001

US-PAT-NO: 6275039

DOCUMENT-IDENTIFIER: US 6275039 B1

TITLE: Magnetic resonance pre-polarization apparatus

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Young; Ian Robert Marlborough GB Eastham; John Frederick Bath GB

US-CL-CURRENT: 324/319; 324/300, 324/306, 324/307, 324/309, 324/318

Full Title Citation Front Review Classification Date Reference Communication Classification Date Reference Communication Commun

14. Document ID: US RE36782 E

L18: Entry 14 of 26 File: USPT Jul 18, 2000

US-PAT-NO: RE36782

DOCUMENT-IDENTIFIER: US RE36782 E

** See image for Certificate of Correction **

TITLE: Magnet assembly for use in NMR apparatus

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Brown; Ian J. Oxon

Bird; John M. Oxon

GB

McDougall; Ian L. Oxon

GB

Black; David

Oxon

GB

US-CL-CURRENT: 335/216

Full Title Ctalion Font Feview Classication Date Reference Claims 1990 Date Date C

15. Document ID: US 5886548 A

L18: Entry 15 of 26

File: USPT

Mar 23, 1999

US-PAT-NO: 5886548

DOCUMENT-IDENTIFIER: US 5886548 A

TITLE: Crescent gradient coils

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Doty; F. David

Columbia

SC

Wilcher; James K.

Columbia

SC

US-CL-CURRENT: 324/318

Full | Title | Citation | Front | Feview | Classification | Cate | Reference | Section | Citation | Classification | Cate | Reference | Section | Citation | Classification | Cate | Reference | Section | Cate | Reference | Cate |

16. Document ID: US 5774032 A

L18: Entry 16 of 26

File: USPT

Jun 30, 1998

US-PAT-NO: 5774032

DOCUMENT-IDENTIFIER: US 5774032 A

TITLE: Cooling arrangement for a superconducting coil

DATE-ISSUED: June 30, 1998

INVENTOR-INFORMATION:

NAME

STATE ZIP CODE

COUNTRY

GIETTE KUNG DIEM DE

Herd; Kenneth Gordon

Niskayuna

NY

Laskaris; Evangelos Trifon

Schenectady

NY

US-CL-CURRENT: 335/216; 310/261, 310/52, 310/54, 505/877, 505/878, 505/879

Full Title Citation Front Review Classification Date Reference

17. Document ID: US 5757187 A

L18: Entry 17 of 26

File: USPT

May 26, 1998

Record List Display Page 8 of 11

US-PAT-NO: 5757187

DOCUMENT-IDENTIFIER: US 5757187 A

TITLE: Apparatus and method for image formation in magnetic resonance utilizing

weak time-varying gradient fields

DATE-ISSUED: May 26, 1998

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Wollin; Ernest

Leesburg

FL

US-CL-CURRENT: 324/306; 324/318

Full Title Criation Front Review Classification Date Reference

Claims SUME Brave De

18. Document ID: US 5642087 A

L18: Entry 18 of 26

File: USPT

Jun 24, 1997

US-PAT-NO: 5642087

DOCUMENT-IDENTIFIER: US 5642087 A

TITLE: Generating highly uniform electromagnetic field characteristics

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Crow; James T.

Albuquerque

Title Citation Front Review Classification Date Reference

NM

US-CL-CURRENT: <u>335/216</u>; <u>324/318</u>, <u>335/299</u>

19. Document ID: US 5304933 A

L18: Entry 19 of 26

File: USPT

Apr 19, 1994

Claima kulic Dram C

US-PAT-NO: 5304933

DOCUMENT-IDENTIFIER: US 5304933 A

TITLE: Surgical local gradient coil

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Vavrek; Robert M. Waukesha WI Myers; Christopher C. Milwaukee WI Record List Display Page 9 of 11

US-CL-CURRENT: 324/318; 324/300

Full Title Citation Front Review Classification Date Reference

20. Document ID: US 5233991 A

L18: Entry 20 of 26 File: USPT Aug 10, 1993

US-PAT-NO: 5233991

DOCUMENT-IDENTIFIER: US 5233991 A

** See image for Certificate of Correction **

TITLE: Method and apparatus for estimating oxygen saturation of blood using

magnetic resonance

DATE-ISSUED: August 10, 1993

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Wright; Graham A. Palo Alto CA

US-CL-CURRENT: 600/410; 600/419

Full Title Citation Front Review Classification Date Reference

21. Document ID: US 4901018 A

L18: Entry 21 of 26 File: USPT Feb 13, 1990

US-PAT-NO: 4901018

DOCUMENT-IDENTIFIER: US 4901018 A

TITLE: Nuclear magnetic resonance net organic flowmeter

DATE-ISSUED: February 13, 1990

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lew; Hyok S. Arvada CO 80005

US-CL-CURRENT: <u>324/306</u>; <u>324/303</u>

Full Tile Glation Front Review Classification Date Reference Claims KWC Draw D.

22. Document ID: US 4748429 A

L18: Entry 22 of 26 File: USPT May 31, 1988

US-PAT-NO: 4748429

DOCUMENT-IDENTIFIER: US 4748429 A

Record List Display Page 10 of 11

TITLE: Solenoidal magnet with homogeneous magnetic field

DATE-ISSUED: May 31, 1988

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Aubert; Guy Grenoble FR

US-CL-CURRENT: 335/299; 324/320, 335/300

Full Title Ctation Front Review Classication Date Reference Claims MAC Draw De

23. Document ID: US 4516404 A

L18: Entry 23 of 26 File: USPT May 14, 1985

US-PAT-NO: 4516404

DOCUMENT-IDENTIFIER: US 4516404 A

TITLE: Foam filled insert for horizontal cryostat penetrations

DATE-ISSUED: May 14, 1985

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Laskaris; Evangelos T. Schenectady NY

US-CL-CURRENT: 62/51.1; 220/901

Full Title Cration Font Feview Classication Date Reference Claims Colors Colors

24. Document ID: US 4509030 A

L18: Entry 24 of 26 File: USPT Apr 2, 1985

US-PAT-NO: 4509030

DOCUMENT-IDENTIFIER: US 4509030 A

TITLE: Correction coil assembly for NMR magnets

DATE-ISSUED: April 2, 1985

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Vermilyea; Mark E. Schenectady NY

US-CL-CURRENT: 335/216; 324/320, 335/299, 505/879

Full Title Citation Front Review Classification Date Reference Claims KWC Draw De

Record List Display Page 11 of 11

25. Document ID: US 4475084 A

L18: Entry 25 of 26 File: USPT Oct 2, 1984

US-PAT-NO: 4475084

DOCUMENT-IDENTIFIER: US 4475084 A

TITLE: Nuclear <u>magnetic resonance</u> detector

DATE-ISSUED: October 2, 1984

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Moore; William S. Mapperley Park GB2

Hawkes; Robert C. Bramcote GB2

Holland; Geoffrey N. Chagrin Falls OH

US-CL-CURRENT: 324/309; 324/307

Full Title Citation Front Review Classification Date Reference

Hit List

Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 7 of 7 returned.

1. Document ID: US 20030098689 A1

Using default format because multiple data bases are involved.

L21: Entry 1 of 7

File: PGPB

May 29, 2003

PGPUB-DOCUMENT-NUMBER: 20030098689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030098689 A1

TITLE: Stabilization of transverse magnetization in superconducting NMR resonators

PUBLICATION-DATE: May 29, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Marek, Daniel

Moeriken

CH

US-CL-CURRENT: 324/318; 324/320, 324/322

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims Full Draw. De

2. Document ID: US 6489872 B1

L21: Entry 2 of 7

File: USPT

Dec 3, 2002

US-PAT-NO: 6489872

DOCUMENT-IDENTIFIER: US 6489872 B1

TITLE: Unilateral magnet having a remote uniform field region for nuclear <u>magnetic</u>

resonance

DATE-ISSUED: December 3, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Fukushima; Eiichi Jackson; Jasper A. Albuquerque Albuquerque

NM

MM

US-CL-CURRENT: 335/299; 335/216

Full Title Citation Front Review Classification Date Reference

Claims Killic Draw De

3. Document ID: US 6275039 B1

L21: Entry 3 of 7

File: USPT

Aug 14, 2001

US-PAT-NO: 6275039

DOCUMENT-IDENTIFIER: US 6275039 B1

TITLE: Magnetic resonance pre-polarization apparatus

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Young; Ian Robert Marlborough GB
Eastham; John Frederick Bath GB

US-CL-CURRENT: 324/319; 324/300, 324/306, 324/307, 324/309, 324/318

Full Title Citation Front Review Classification Date Pereience

1. Jocument ID: US RE36782 E

L21: Entry 4 of 7

File: USPT

Jul 18, 2000

US-PAT-NO: RE36782

DOCUMENT-IDENTIFIER: US RE36782 E

** See image for Certificate of Correction **

TITLE: Magnet assembly for use in NMR apparatus

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

ZIP CODE COUNTRY NAME CITY STATE GB Brown; Ian J. Oxon Bird; John M. GB Oxon McDougall; Ian L. Oxon GB Black; David GB Oxon

US-CL-CURRENT: 335/216

Full Title Station Font Feview Classication Date Reference

5. Document ID: US 5886548 A

L21: Entry 5 of 7 File: USPT Mar 23, 1999

US-PAT-NO: 5886548

DOCUMENT-IDENTIFIER: US 5886548 A

TITLE: Crescent gradient coils

DATE-ISSUED: March 23, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE

Doty; F. David Columbia SC

Wilcher; James K. Columbia SC

US-CL-CURRENT: <u>324/318</u>

Full Title Citation Front Review Classification Date Reference

COUNTRY

6. Document ID: US 5642087 A

L21: Entry 6 of 7 File: USPT Jun 24, 1997

US-PAT-NO: 5642087

DOCUMENT-IDENTIFIER: US 5642087 A

TITLE: Generating highly uniform electromagnetic field characteristics

DATE-ISSUED: June 24, 1997

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Crow; James T. Albuquerque NM

US-CL-CURRENT: 335/216; 324/318, 335/299

Full | Title | Citation | Front | Review | Classification | Date | Reference